

**IN THE CLAIMS:**

Please amend Claim 6 to read:

*a<sup>2</sup>*

6. (Amended) The method of Claim 3 where the mammal is human.

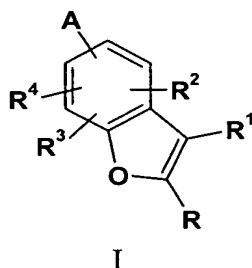
Please add the following new Claims:

*a<sup>3</sup>*

7. (new) The method of Claim ~~4~~ where the mammal is human.

8. (new) The method of Claim ~~5~~ where the mammal is human.

9. (new) A method for the treatment of obsessive compulsive disorder in mammals, comprising administering to a mammal in need of such treatment an effective amount of a compound of Formula I:



where:

R is hydrogen, halo, trifluoromethyl or C<sub>1</sub>-C<sub>6</sub> alkyl;

R<sup>1</sup> is hydrogen, halo, trifluoromethyl, phenyl, or C<sub>1</sub>-C<sub>6</sub> alkyl;

R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> are independently hydrogen, halo, trifluoromethyl, cyano, C<sub>1</sub>-C<sub>4</sub> alkoxy, C<sub>1</sub>-C<sub>4</sub> alkoxycarbonyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkyl substituted with a substituent selected from the group consisting of C<sub>1</sub>-C<sub>4</sub> alkoxy and hydroxy, or -C(O)NHR<sup>9</sup>;

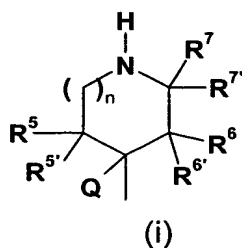
R<sup>9</sup> is C<sub>1</sub>-C<sub>8</sub> alkyl where the alkyl chain is optionally substituted with a substituent selected from the group consisting of phenyl and pyridyl;

X- 11593

-3-

A is attached at either the 4- or 7-position of the benzofuran nucleus and is an amine of formula:

Q<sup>3</sup>



n is 0, 1, or 2;

R<sup>5</sup>, R<sup>6</sup>, and R<sup>7</sup> are independently hydrogen or C<sub>1</sub>-C<sub>4</sub> alkyl;

Q is hydrogen;

R<sup>5'</sup> is hydrogen or methyl, provided that R<sup>5'</sup> may be methyl only when R<sup>5</sup> is other than hydrogen, or R<sup>5'</sup> and Q taken together with the carbon atoms to which they are attached form a double bond;

R<sup>6'</sup> is hydrogen or methyl, provided that R<sup>6'</sup> may be methyl only when R<sup>6</sup> is other than hydrogen, or R<sup>6'</sup> and Q taken together with the carbon atoms to which they are attached form a double bond;

R<sup>7'</sup> is hydrogen or methyl, provided that R<sup>7'</sup> may be methyl only when R<sup>7</sup> is other than hydrogen;

or pharmaceutically acceptable acid addition salts thereof subject to the following provisos:

a) when n is 1 or 2, at least one of R<sup>5</sup>, R<sup>6</sup>, and R<sup>7</sup>, must be other than hydrogen; and

b) no more than two of R<sup>5</sup>, R<sup>5'</sup>, R<sup>6</sup>, R<sup>6'</sup>, R<sup>7</sup>, and R<sup>7'</sup> may be other than hydrogen.

10. (new) The method of Claim 9 where the mammal is human.

X-11593

-4-

11. (new) A compound of Claim ~~1~~ where A is attached at the 7-position of the benzofuran nucleus.

12. (new) A compound according to Claim ~~11~~ where Q is hydrogen.

13. (new) A compound according to Claim ~~12~~ where  $R^6$  is  $C_1$ - $C_4$  alkyl and  $R^5$ ,  $R^{5'}$ ,  $R^7$  and  $R^{7'}$  are each hydrogen.

14. (new) A compound according to Claim ~~13~~ where  $R^{6'}$  is hydrogen, and  $R^6$  and the benzofuran core are in the cis configuration with regard to each other.

15. (new) A compound according to Claim ~~13~~ where  $R^6$  is methyl.

16. (new) A compound according to Claim ~~13~~ where  $R^{6'}$  is methyl.

17. (new) A compound according to Claim ~~15~~ which is 3-methyl-4-(benzofur-7-yl)-piperidine, 3-methyl-4-(5-fluorobenzofur-7-yl)-piperidine, 3-methyl-4-(6-fluorobenzofur-7-yl)-piperidine, or 3-methyl-4-(5,6-difluorobenzofur-7-yl)-piperidine.

18. (new) A compound according to Claim ~~11~~ where one of  $R^{5'}$  and Q, or  $R^{6'}$  and Q, taken together with the carbon atoms to which they are attached form a double bond.

19. (new) A compound according to Claim ~~18~~ where of  $R^{5'}$  and Q, taken together with the carbon atoms to which they are attached form a double bond,  $R^6$  is  $C_1$ - $C_4$  alkyl, and  $R^{6'}$  is methyl.

20. (new) A compound according to Claim ~~18~~ which is 2-methyl-4-(4-trifluoromethylbenzofur-7-yl)-1,2,3,6-tetrahydropyridine.